### Bass Enterprises Production Co.

1000 Writer Square 1512 Larimer Street Denver, Colorado 80202 (303) 571-1314

June 14, 1982

Division of Oil, Gas and Mining 4241 State Office Building Salt Lake City, Utah 84114

RE: Oil & Gas Lease U-37663
Bass Navajo Fed. #9-41
NW NE Sec. 9, T-40S, R-23E
San Juan, Utah
FILE: 400 - GF

Gentlemen,

Enclosed is our complete Federal application to drill the above captioned well. Along with a copy of the approved Federal A.P.D. If anything else is necessary for obtaining the state permit please contact me at the above number.

Very Truly Yours,

Ken Morr

JUN 1.7 1982

KM/lr Enclosures

DIVISION OF OIL, GAS & MINING

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUBMIT IN TRIPLICATE\*
(Other instructions on reverse side)

U - 37663

5. Lease Designation and Serial No.

APPLICATION FOR	PERMIT TO	DRILL, DE	PEN, OR PL	UG BACK	6. If Indian, Allottee or Tribe Name
la. Type of Work					
DRILL 💢	İ	DEEPEN 🔲	PLU	JG BACK 🗌	7. Unit Agreement Name
b. Type of Well Oil ( Gas (			Single XX	Multiple [	8. Farm or Lease Name
Oil Gas Well 2. Name of Operator	Other		Single Zone	Zone	
Bass Enterprises	Production (				Bass Navajo Federal  9. Well No.
3. Address of Operator	- FIOUUCETOII C	· · · · · · · · · · · · · · · · · · ·			9-41
• •	- 1000 D	00 00	202		
1512 Larimer St. St	•	,	202		10. Field and Pool, or Wildcar
4. Location of Well (Report location At surface	on clearly and in acc	ordance with any S	tate requirements.*)		Bluff
NW NE 506' FNL; 212	24 FEL Sec. 9	-T-40S, 23E	S.L.M.		11. Sec., T., R., M., or Blk. and Survey or Area
At proposed prod. zone	ne				Sec. 9 40S,23E S.L.M
14. Distance in miles and direction	from nearest town	or post office*		· · · · · · · · · · · · · · · · · · ·	12. County or Parrish 13. State
8 miles NW of Monte	ezuma Creek,	Utah			San Juan, Utah
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. line, if a	, 506 ·	16	i. No. of acres in leas		of acres assigned is well 80
18. Distance from proposed locatio to nearest well, drilling, compl		19	. Proposed depth	20. Rotai	y or cable tools
or applied for, on this lease, ft			6900'		rotary
21. Elevations (Show whether DF,	RT, GR, etc.)				22. Approx. date work will start*
GL 45481					June 30, 1982
23.	PR	OPOSED CASING	AND CEMENTING P	ROGRAM	
Size of Hole Si	ize of Casing	Weight per Foot	Setting Der	oth	Quantity of Cement
12-1/4	3-5/8 (new)	24#	500 '		400 sx
	5-1/2 (new)	14# ε	15.5# 7000'		**

\*\* Volume to be determined by pay zone and caliper log.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE:
BY:

United States Department of the Interior

Geological Survey MMS

2000 Administration Building

1745 West 1700 South

Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICAT	ION
Operator Bass	Enterprises Production Company
Project Type <u>Sins</u>	ly zone developmental oil well
Project Location <u>5</u>	-Navajo Federal U-37663  County, Utah
Well No. 9-41 Bass	-Navaso Federa U - 37663
Date Project Submit	ted
FIELD INSPECTION	Date May 5, 1982
Field Inspection Participants	Kier Morn-Dass Enterprises
	Jill Seyfarth-archaeologist, Salmon Ruins Museur
	Evangelino Tanner - Navojo Campliance Officer
•	Randy Corpett- Tureau of Ludian Affairs
	Dan Englishman-Minerals Managemont Service
review guidelines.	proposal in accordance with the categorical exclusion This proposal would not involve any significant effects not represent an exception to the categorical exclusions.

May 5, 1982

Date Prepared

David Environmental Scientist

Environmental Scientist

I concur

DISTRICT OIL & GAS SUPERVISOR

District Supervisor

OR E. W. GUYNN

JUN 0 7 1982
Date

## CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

	Criteria 516 DM 2.3.A	<u>Federa</u> Corre- spondence (date)	l/State Ag Phone check (date)	meeting (date)	Local and private corre-spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
1.	Public health and safety						4	V		
2.	Unique charac- teristics							_	į.	
3.	Environmentally controversial							_		· .
4.	Uncertain and unknown risks									
5.	Establishes precedents							_		
6.	Cumulatively significant							-		(
7.	National Register historic places	V1								
8.	Endangered/ threatened species	<i>\( \)</i>								
9.	Violate Federal, State, local, tribal law				·		v4	~		

## CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

- Surface Management Agency Input
- 2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
- 3. Lease Stipulations/Terms
- 4. Application for Permit to Drill
- 5. Operator Correspondence
- 6. Field Observation
- 7. Private Rehabilitation Agreement

## Remarter:

1. Location not changed during on site inspection
2. Water source hat tenour at the of inspection
3. Loydom to south. Reserve pit on East (Recorptions Couch side

# RECEIVED

## Bureau of Indian Affairs

Transmittal of Application for Permit to DrillMINERALS MANAGEMENT SERVICE DURANGO, CO

Date <u>6-3-82</u>	Lease Number <u><i>U-37663</i></u>
Operator BASS ENTERPRISES	Sec. 9 T. 405 R. 23E
Well No. & Name Navajo Fed. 9-41	Footage 506 F(\$)(N)L 2124 F(E)(\$)L
Date APD Received 5-21-82	San Juan County, Utah
If the proposed action meets with your approbelow and return the copy to this office. It rehabilitation stipulations in section 15 or and list any additional ones you would like cation upon receipt of these requirements.	Please check the applicable surface f the attached General Requirements
Geological Survey	· · · · · · · · · · · · · · · · · · ·
Surface Owner Tribal	Allotted Other
I concur with the approval of the Application Surface Development and Operation Plan provincluded in the approval.	on for Permit to Drill and/or the ided the following conditions are
JUN 3 1982 Date	Max. Logo BIA Representative

### 15. SPECIAL STIPULATIONS

The	fol	lowing special requirements apply and are effective when checked:
Ш	A.	surface casing should be set at feet
		and cement circulated to the surface.
Ц	В.	Ram-type blowout preventers and related control equipment shall
		be pressure tested with water to the rated working pressure of the
		stack assembly (except that the annular-type preventer may
		be tested to 70 precent of rated working pressure) (a) when installed;
		(b) before drilling possible abnormally-pressured zones; and
		(c) following repairs that require disconnecting a pressure
		seal in the assembly.
Ш	C.	Minimum required fill of cement behind the casing is
•		to .
<b>T</b>		
X	D.	All above ground permanent structures and equipment will be painted
		a non-glare color that simulates the natural color of the site, as follows:
		Brown, Federal Standard 595a-30318
		Green, Federal Standard 595a-34127
		Gray, Federal Standard 595a-36357
		Sand, Federal Standard 5952-30277
	E.	A kelly cock will be installed and maintained in operable condition.
	F.	A Communitization Agreement covering the acreage dedicated to the
		well must be filed for approval with the U.S. Geological Survey,
		P.O. Box 26124, Albuquerque, New Mexico 87125. The effective date of
		the agreement must be prior to any sales.
$\bowtie$	G.	Compacted areas will be plowed or ripped to a depth of 4-6" before
		reseeding. Reseeding of the disturbed lands is required upon
		completion of drilling and completion activities and abandonment
		of the well. All seeding will be done between July 1 and
		September 15. Seeding will be done with a disc-type drill with
		two boxes for various seed sizes. The drill rows will be eight
		to ten inches apart. The seed will be planted between one-half inch
		deep and three quarter inch deep. The seeder will be followed with
		a drag, packer, or roller to insure uniform coverage of the seed,
		and adequate compaction. Drilling of the seed will be done on the
		contour where possible, not up and down the slope. Where slopes
		are too steep for contour drilling a "cyclone" hand-seeder or
		similar broadcast seeder will be used, using twice the recommended
- '		seed per acre. Seed will then be covered to the depth described
		above by whatever means is practical.
		If, in the opinion of the surface management agency, the seeding is
		unsuccessful, the lessee/operator may be required to make subsequent

seedings until revegetation is successful.

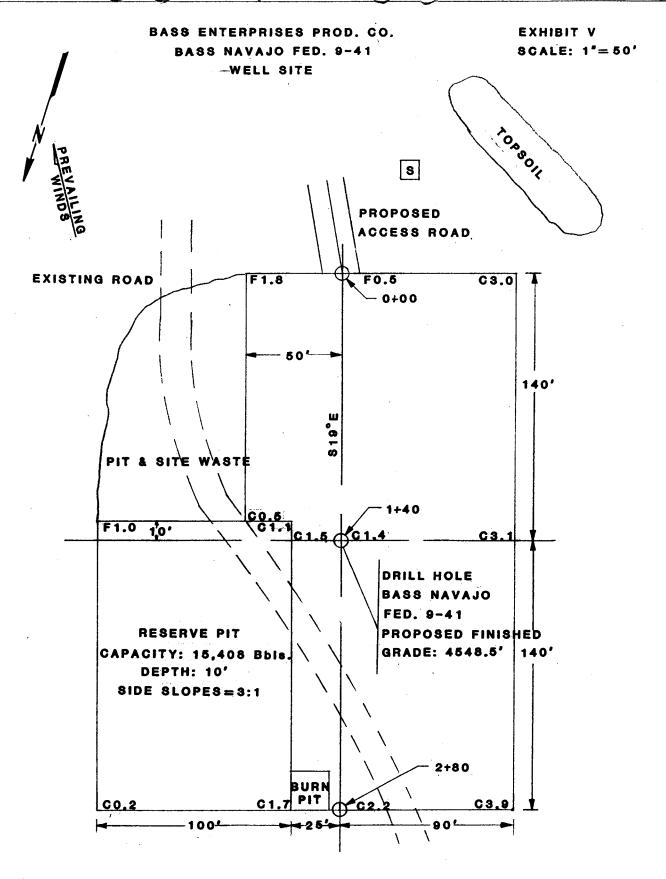
	н.	No well and/or production equipment within the irrigable fields of the Navajo Indian Irrigation Project will exceed two feet above the natural ground surface elevation, and will be adequately barricaded for safety.
	ı.	Any production piping systems shall be installed with at least four feet of cover.
	J.	In addition to the well-control equipment stipulated in Section 5, either an annular blowout preventer or a rotating head must be used while drilling below surface casing to
$\times$		Other:
	1	. Pit will be lined after construction if deemed necessary by company officials and contractors to comply with NTL-6.

	Debri needs to be cleaned up and p	properly disposed of.
. [2	Oil Spillage spots need to be clea	aned up prior to seeding.
	Pad and access road are to be disc for seeding.	ced and properly prepared
	All disturbed areas will be reseed establishment of seeding.	ded and fenced to allow
	All disturbed areas will be seeded mix. Seed will be drilled to a de and not more than % inch, followed Compacted areas will be plowed (Diinches before seeding.	epth of not less than % inch i by a drag or packer.
	RECOMMENDED SEEDING MIXTURES:	LBS./AC. MINIMUM %
	l. Indian Ricegrass Galleta 4-wing Saltbush (Dewinged) Winter Fat	1 2 55% 1 57%
	2. Indian Ricegrass : Galleta Alkali Sacaton Winter Fat Shadscale	1 2 1 76%
	3. Indian Ricegrass Galleta Alkali Sacaton 4-wing Saltbush (Dewinged)	2 2 1 1 1 1
	4. Indian Ricegrass Galleta Needle & Thread 4-Wing Saltbush (Dewinged) Cliffrose	1

BASS ENTERPRISES PROD. CO. BASS NAVAJO FED. 9-41 EXHIBIT IV SCALE: 1'= 50'

PROPOSED TANK BATTERY

PROPOSED ACCESS ROAD ₩30°-STORAGE TANKS BURIED LINES -TREATER



DESIGNATES CROSS SECTION STATIONS

S SAFETY BRIEFING AREA

S

PREPARED BY P.E. GROSCH CONST. INC.

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:

Salt Lake City, Utah

SERIAL No.:

U-37663

and hereby designates

Name:

Black Dahlia Oil & Gas Co.

Address:

1057 East 3300 South

Salt Lake City, UT 84106

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 40 South, Rangé 23 East, S.L.M.

Section 9: NW1/4NE1/4

San Juan County, Utah

Containing 40.00 acres, more or less

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

BASS ENTERPRISES PRODUCTION CO.

Wm. Arthur Hamilton

Vice President 3100 Ft. Worth National Bank Bldg.

Ft. Worth, TX 76102

(Address)

May 17, 1982

(Date)

## \*\* FILE NOTATIONS \*\*

DATE: Crune 22, 1982
OPERATOR: Bass Interpreses Production Company
OPERATOR: Bass Interpresses Production Company WELL NO: Bass - Nava jo Federal # 9-41
Location: Sec. 9 T. 405 R. 23E County: Jan Juan
File Prepared: [1] Entered on N.I.D:
API Number 43-037-30797
CHECKED BY:
Petroleum Engineer:
Director:
Administrative Aide: As Pen Rule C-3
APPROVAL LETTER:
Bond Required:   Survey Plat Required:
Order No O.K. Rule C-3
Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site
Lease Designation [ Led   Plotted on Map
Approval Letter Written
Hot Line P.I.

Bass Enterprises Production Company 1512 Larimer St., Suite 1000 Denver, Colorado 80202

> RE: Well No. Bass Navajo Federal #9-41 Sec. 9, T40S, R23E San Juan County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT Office: 533-5771 Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30797.

Sincerely,

RONALD J. FIRTH

CHIEF PETROLEUM ENGINEER

RJF:SC

cc: Minerals Management Service

Enclosure

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

SUBMAIN TRIPLICATE\*
(Other instructions on reverse side)

	SION OF OIL, GAS, AND MI		5. LEASE DESIGNATION	AND BERIAL NO.
	OTICES AND REPORTS ( posals to drill or to deepen or plug b ICATION FOR PERMIT—" for such p.		8. IF INDIAN, ALLOTTE	S OR TRIBE NAME
i.		· · · · · · · · · · · · · · · · · · ·	7. UNIT AGREEMENT NA	MB
WELL WELL OTHER  2. NAME OF OPERATOR			8. FARM OR LEASE NAM	(3
Bass Enterprises	Production Company		Bass-Navajo	Federal
3. ADDRESS OF OPERATOR	Today Croff Company	·	9. WELL NO.	1000101
1512 Larimer St. 4. LOCATION OF WELL (Report location See also space 17 below.) At surface	Suite 1000 Denver, COn clearly and in accordance with any	) 80202 State requirements.*	9-41 10. FIELD AND POOL, OR	R WILDCAT
NWNE 506' FNL 21:	מלון בבו		Bluff 11. ssc., r., s., M., os s	LK. AND
Sec 9, T40S, R23E	24 FEL		SURVEY OR AREA	
			9, T40S, R2	
14. PERMIT NO.	15. BLEVATIONS (Show whether DF,	RT, GR, etc.)	12. COUNTY OR PARISH	
	GL 4548'		San Juan	<u>  Utah</u>
16. Check	Appropriate Box To Indicate N	ature of Notice, Report, or C	Other Data	
NOTICE OF INT	ENTION TO:	SUBSEQ	UENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING W	FELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CA	
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMEN	T*
(Other) Change Opera	CHANGE PLANS	(Other)(Note: Report results	of multiple completion of etion Report and Log for	on Well
Please be advised Salt Lake City, U	tionally drilled, give subsurface location that Black Dahlia Oil T 84106 has taken over bondence will be from E	and Gas Co., 1057 E.	3300 South,	and zones perti-
	0	ROVED BY THE ST F UTAH DIVISION IL, GAS, AND MINI E: 179 87	OF NG	
	A			
18. I hereby certify that the foregoing		livision Engineer	DATE	/82
(This space for Federal or State	office use)			
APPROVED BY	TITLE		DATE	

## Bass Enterprises Production Co.

1000 Writer Square 1512 Larimer Street Denver, Colorado 80202 (303) 571-1314

July 26, 1982

EXPRESS MAIL



State of Utah
Natural Resources
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

DIVISION OF OIL, GAS & MINING

RE: Sundry Notice

Bass-Navajo Federal #9-41

Township 40 South, Range 23 East, S.L.M.

Section 9: NW1/4SE1/4 San Juan County, Utah

Bluff Prospect

#### Gentlemen:

Enclosed please find three (3) copies of a Sundry Notice, advising you of a change in Operator for the captioned well.

If we can be of any further assistance, please advise.

Very truly yours,

Jay Batson Landman

cc: Ms. Evangeline Tanner
The Navajo Nation
Utah Office of Land Development
P. O. Box 410
Montezuma Creek, UT 84534-0410

JB:res Enclosures

## SUBMIT IN TRIF TE\*

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.
MHCRAEC MANAGEMENT

## UNITED STATES DEPARTMENT OF THE INTERIOR

					1 9	•	i	
	5.	OF LEE	<b>nak</b> ř	PA.	rion	AND	<b>SESIAL</b>	NO.
۱		11-27	61X5J	CEI	VE!	Ü	1	

GEOLG	U-37665CEIVED			
APPLICATION FOR PERMIT	TO DRILL, DEE	PEN, OR P	LUG BACK	6. IF INDIAN, ALLOTTEE OF TRIBE NAME
1a. TYPE OF WORK  DRILL X	DEEPEN 🗆	PL	UG BACK 🗌	7. UNIT AGREEMENT NAME SALTLAKE CITY, UTAH
b. TYPE OF WELL OIL X CAS WELL X CAS WELL QTHER		SINGLE X	MULTIPLE ZONE	8. FARM OR LEASE NAME
2-NAME OF OPERATOR Black Dallle	a Oil + Car	Ci,		Bass-Navajo Federal
: Bass Enterprises Production	ı Company			9. WELL NO.
3. ADDRESS OF OPERATOR 1057 East	3300 Sou	7 , 5LC	UT	9-41
1512 tarimer St. Ste 1000	Denver, 60-80	<del>202</del>	84106	10. FIELD AND POOL, OR WILDCAT
A According of WELL (Report location clearly at	d in accordance with any	State requireme	nts.*)	Bluff
NW NE 506' FNL 2121	i' FEL Sec. 9,	Γ-40-S, R-	23-E	11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone Same	17.8 1.16 1.16 1.16 1.16			9, T-40S, R-23E SLM
14. DISTANCE IN MILES AND DIRECTION FROM NE	AREST TOWN OR POST OFF	ICE*		12. COUNTY OR PARISH   13. STATE
8 miles NW of Montezuma Cre	eek, Utah			San Juan Utah
15. DISTANCE FROM PROPUSED* LOCATION TO NEAREST	16.	NO. OF ACRES IN		OF ACRES ASSIGNED
PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	506	640		80
18. DISTANCE FROM PROPOSED LOCATION*	19.	PROPOSED DEPTH	20. ROTA	ARY OR CABLE TOOLS
TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	0	6900		Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	:			22. APPROX. DATE WORK WILL START*
GL 4548'				June 15, 1982
23.	PROPOSED CASING AL	ND CEMENTING	PROGRAM	

zones

\*Volume to be determined by pay zone and caliper log



# DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to zone. If proposal is to drill or deepen directionally, give per preventer program, if any.	o deepen or plug back, give data on present productinent data on subsurface locations and measured	ctive zone and proposed new productive and true vertical depths. Give blowon
signed for	Asst. Production Foreman	DATE 5/14/52
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	
h/TMaille-	FOR E. W. GUYNN	JUN 0 8 1982
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	DISTRICT OIL & GAS SUPERVISOR	

CONDITIONS OF APPROVAL ATTACHED
TO CHERATOR'S COPY

FLARING OF VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

NOTICE OF APPROVAL 1STATE 0 & G EXHIBIT I T.40S.,R.23E.

2642.0'

(S89°12'40"E, 2632.57') 2124' WELL SITE BASS NAVA FED. 9-41 ELEV. = 4550 2614.28') \$0°03'E 5280.0' 2640.0

2642.0'

STATE OF WYOMING ) S.S COUNTY OF WASHAKIE)

I, Stanton J. Abell, Jr. of Worland, Wyoming, hereby certify that this map was made from notes taken during an actual survey made by me on April 12 & 13, 1982 and that it correctly shows the location of the drilling site for Bass Navajo Fed. 9-41 which is 506' South of the North line and 2124' West of the East line of Section 9, T.40S.,R.23E., S.L.M. as staked on the ground during said survey.

Wyoming P.E. & L.S. Registration No. 2877

Sauta J. Milly Engineer

WEST .

Note: Basis of Bearing from a Solar Obervation taken on April 13, 1982.

LEGEND:

• Designates corners used.

 Indicates actual bearings and distances used or determined during actual survey. BASS ENTERPRISES PRODUCTION CO. DENVER, COLORADO

WELL SITE

BASS NAVAJO FED. 9-41

NW1/4 NE1/4, SEC.9, T.40S.,R.23E., S.L.M.

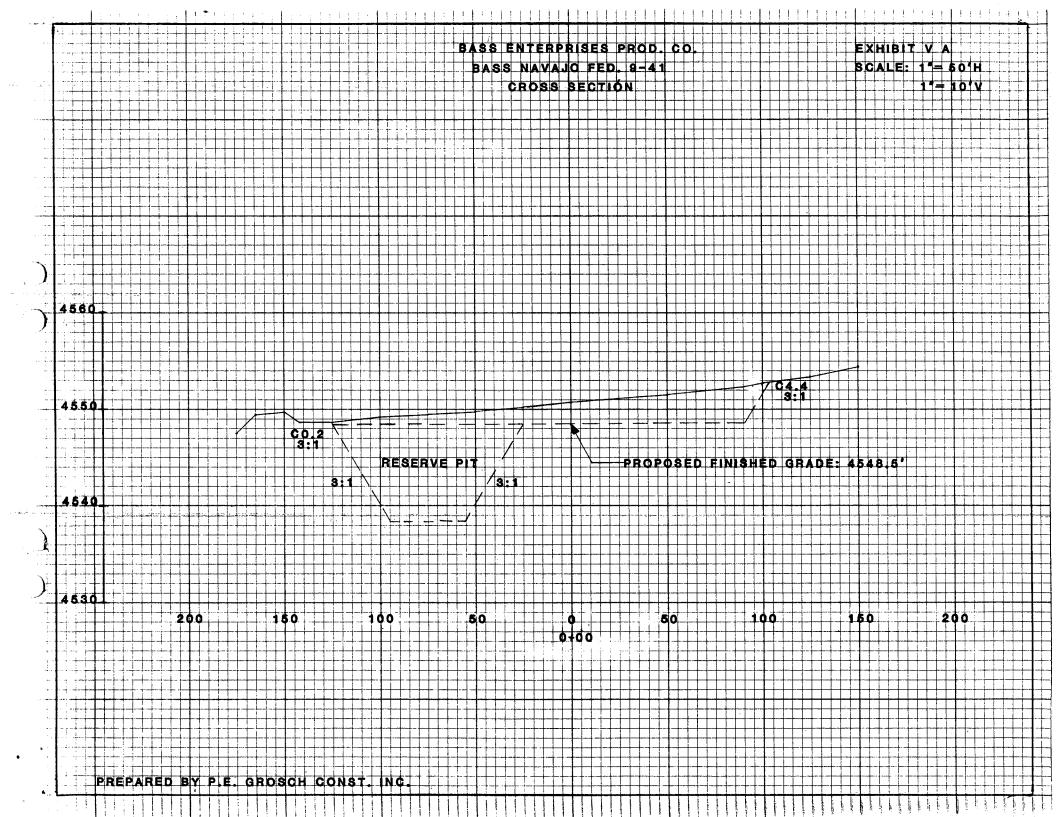
SAN JUAN COUNTY, UTAH

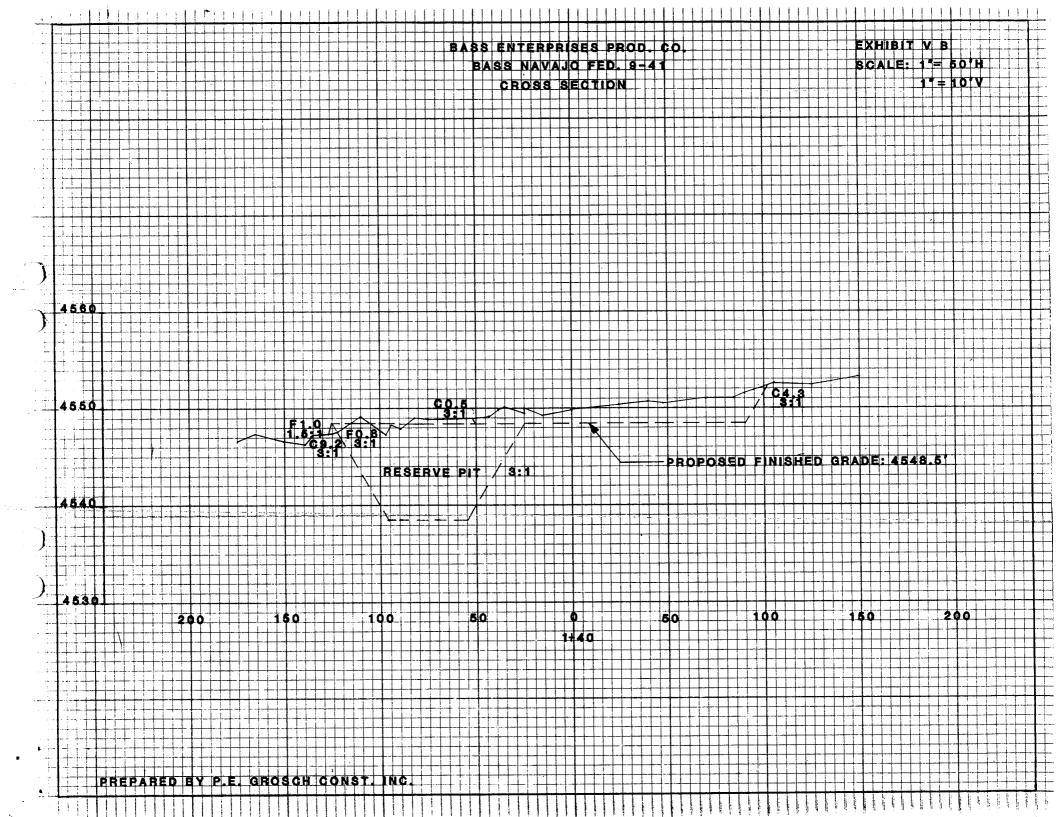
ELEVATION DATUM:

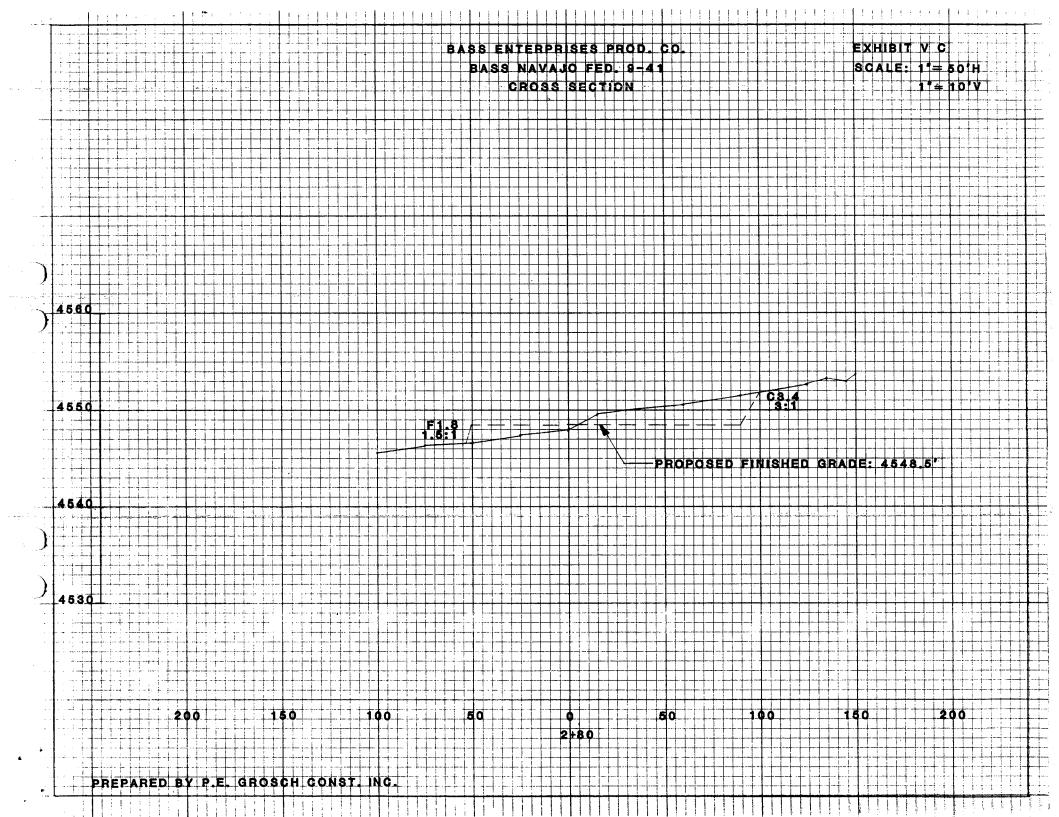
Elevation was determined from a Hill top, located in the  $NW_{\frac{1}{4}}$   $NE_{\frac{1}{4}}$ , Sec. 9, T.40S.,R.23E.,S.L.M.; having an elevation of 4611' as shown on the Aneth 2 SW.,Utah U.S.G.S. Quad Topog. map.

**APRIL 15, 1982** 

SCALE: 1"= 1320'







## DIVISION OF OIL, GAS AND MINING

## SPUDDING INFORMATION

NAME OF COMPANY: BLACK DAHLIA	OIL & GAS
WELL NAME: Bass Navjo Federal 9-4	41
SECTION NWNE 9 TOWNSHIP 40S	RANGE 23 E COUNTY San Juan
DRILLING CONTRACTOR Coleman Drill	ling
RIG #1	
SPUDDED: DATE 7-28-82	
TIME 6:45 PM	
How_Rotary	
DRILLING WILL COMMENCE	
REPORTED BY Tammy Berrett	
TELEPHONE # 303-595-0544	
NATE 7-29-82	SIGNED AS

NOTICE OF SPUD
company: Brack Dallia Oil + Co
Caller: Turning Barrett - Ray Singleton Chone: (303) 773-8044
Phone: (303) 773-8044
9-411
Well Number:
County: San Julian State: Utal
County: 044 044 044 044 044 044 044 044 044 04
Lease Number: <u>U-37663</u>
Lease Expiration Date: 7-31-82
Unit Name (If Applicable): NA
Date & Time Spudded: 7-28-82 6 74? 617
Unit Name (If Applicable): NA  Date & Time Spudded: 7-28-82 6 94 ? 6 45  Dry Hole Spudder/Rotary: Retary
Details of Spud (Hole, Casing, Cement, etc.)
becarrs of the contract of the
Rotary Rig Name & Number:
Approximate Date Rotary Moves In: On set
FOLLOW WITH SUNDRY NOTICE
Call Received Ry: UNK
Call Received By: 7-29-82
Date:

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OUR GAS AND MINING

SUE IN TRIPLICATE\*
(Converting instructions on reverse side)

DI	VISION OF OIL, GAS, AND N	MINING	5. LEASE DESIGNATION AND SERIAL NO.
			บ-37663
(Do not use this form for p Use "API	OTICES AND REPORTS PROPERTY OF SUCH PROP	ON WELLS r back to a different reservoir.	6. IF INDIAN, ALLOTTER OR TRIBE NAME
OIL GAS GAS WELL OTH	is.		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Black Dahlla 3. ADDRESS OF OPERATOR	Oil and Gas Co.		Bass Navajo Federal
1057 E. 3300	🕱 So. Salt Lake Cit	v. Utah 84106	9-41
4. LOCATION OF WELL (Report locat See also space 17 below.) At surface	ion clearly and in accordance with an	ny State requirements.*	10. FIELD AND POOL, OR WILDCAT
· · · · · · · · · · · · · · · · · · ·	Sec, 9, Twp. 40 So.,	Rge.23 E.	Bluff 11. SEC., T., B., M., OB BLK. AND
San Juan Co	unty, Utan		Sec. 9, Twp 40 So
			Rae. 23 E.
14. PERMIT NO.	15. SLEVATIONS (Show whether		12. COUNTY OR PARISH 18. STATE
43-037-30797	454x 4548	Ga.	
	Appropriate Box To Indicate		•
NOTICE OF I	NTENTION TO:	SUBS	EQUENT ESPORT OF:
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL
FRACTURE TREAT	MULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING CASING
SHOOT OR ACIDIZE REPAIR WELL	ABANDON* CHANGE PLANS	SHOUTING OR ACIDIZING	ABANDON MENT*
(Other)	Change Flans	(Other) (Note: Report resu	ilts of multiple completion on Well
7. DESCRIBE PROPOSED OR COMPLETED	OPERATIONS (Clearly state all pertine	ent dutuile und give nortinent dat	mpletion Report and Log form.)  es, including estimated date of starting any tical depths for all markers and zones perti-
24#, J-55, will cir	: The following surface culate cement to surface y 28th, 1982 at 6:45p.	ce.	800' of 8 5/8 in.
APPROVED BY OF UTAH DIV OIL, GAS, AND DATE:	ISION OF		EIVED 30 1982 ISION OF
	hg is true and correct	OIL, GA	AS & MINING  DATE 7-27-82
(This space for Federal or State		Tegraene	DATE
CONDITIONS OF APPROVAL.	TITLE IF ANY:		DATE

Form 9-331

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE CHANGE ZONES ABANDON\*

(other) Spud Well

Form Approved. Budget Bureau No. 42-R1424

#### Dec. 1973 UNITED STATES CMPS. X 0 0 5. LEASE # G £85 U = 37663DEPARTMENT OF THE INTERIOR 6. IF INDIAN, ALLOTTEE OR TRIBE NAME **GEOLOGICAL SURVEY** 7. UNIT AGREEMENT NAME ÷ SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.) 8. FARM OR LEASE NAME Bass-Navajo Federal 1. oil gas other well well 9. WELL NO. 9 - 412. NAME OF OPERATOR Black Dahlia Oil 10. FIELD OR WILDCAT NAME Bluff Sur and Francis 3. ADDRESS OF OPERATOR 4532 Mathews Way, Salt Lake City UT 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 9, T40S-R23E SLM AT SURFACE: NW NE 506' FNL 2124' FEL 12. COUNTY OR PARISH 13. STATE AT TOP PROD. INTERVAL: Sec. 9, T40S-R23E TITY ---San Juan 🚟 🦥 AT TOTAL DEPTH: 14. API NO. 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 15. ELEVATIONS (SHOW DF, KDB, AND WD) SUBSEQUENT REPORT OF: REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE (NOTE: Report results of multiple completion or zone

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This written notice is to verify our verbal notification on 7-29-82 of

spuddingua well on July 28, 1982 at 6:45 p.m.

AUG 0 3 1982

change on Form 9-330.)

DIVISION OF OIL, GAS & MINING

무성병 활동 호흡수의

(This space for Federal or State office		Set @				
18. I hereby certify that the foregoing	g is true and correct		7-29-82	100 PM 100 PM 100 PM		
SIGNED ICAL SINGELLA	TITLE CONSULTANCE	DATE .	7 4 8 14	-		_
	(This space for Federal or State office use)		7 8 9 8 3			
APPROVED BY	TITLE	_ DATE		%. <u> </u>	#1258	

# DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

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	. re	ever	Se	siq	r)	

DIVISI	Black Dahlia Oil & Gas Co.  ADDRESS OF OFBRATOR  1057 E 3300 So. Salt Lake City, Utah 84106  Location of well (Report location clearly and in accordance with any State requirements.*  At surface  NW/4 NE/4 506 FNL, 2124* FEL  Sec 9, Twp. 40 So.; Rge 23 E., SLM  PERMIT NO.  3-037-30797   15. SLEVATIONS (Show whether DF, NT, OR, etc.)  ADDRESS OF INTENTION TO:  TEST WATER SHUT-OFF FULL OR ALTER CASING WATER SHUT-OFF FRACTURE TREAT MULTIPLE COMPLETE REAT SHOOT OR ACIDIZE ABANDON* SHOOTING OR ACIDIZE ABANDON* (Other)  O(Other) CHANGE PLANS (Other)  POSSCRIBE PRINDORN OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pert nent to this work.)*  COMpleted acidizing all zones 10-8-82.  Ran pump and rods 10-14-82. Rigged down completic Moved completion rig from location 10-15-82.  Waiting on surface production equipment.					
SUNDRY NOT  (Do not use this form for propos  Use "APPLICA	ICES AND REPORT	S ON WELLS lug back to a different reservoir.	U-37663 6. IF INDIAN, ALLOTTER OR TRIBE NAME			
OIL GAS	TOTAL TOTAL TOTAL	ica proposas,	7. UNIT AGREEMENT NAME			
2. NAME OF OPERATOR			S. PARM OR LEASE NAME			
	Gas Co.		Bass-Navajo-Federal			
	-1- 7-1- 01 - 1	0.4106	9. WELL NO. 9-41			
	alt Lake City, i	utan 84106	10. FIELD AND POOL, OR WILDCAT			
See also space 17 below.) At surface		•	Bluff			
NW/4 NE/4 506' F	NL, 2124 FEL		11. SEC., T., E., M., OR BLE. AND			
			Sec 9, Twp 40 So. Rge 23 E., SLM			
			12. COUNTY OR PARISH 18. STATE			
			San Juan Ut.			
16. Check Ap	propriate Box To Indicat	e Nature of Notice, Report, o	r Other Data			
NOTICE OF INTENT	TION TO:	SUBS	BQUENT REPORT OF:			
TEST WATER SHUT-OFF	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL			
	<del></del>	FRACTURE TREATMENT	ALTERING CABING			
		SHOUTING OR ACIDIZING	ABANUONMENT*			
		(NOTE: Report resu	ilts of multiple completion on Well mpletion Report and Log form.)			
proposed work. It well is direction	nations (Clearly state all pertically drilled, give subsurface	nent details and give nertinent det	es including astimated data of starting and			
Moved completion rig	g from location	10-15-82.	g.			
		NOV 17 1982				
		DIVISION OF				
	~	OIL, GAS & MININ	G			
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18. I hereby certify that the lorsgoing is	true and correct	President	DATE 11-5-82			
(This space for Federal or State offic	e use)					
APPROVED BY	NY:		DATE			

	SU A IN TRIPLICAT
STATE OF UTAH	
PARTMENT OF NATURAL RESOURCES	reverse side)

STATE OF UTAH	reverse side)
DEPARTMENT OF NATURAL RESOURCES	
DIVISION OF OIL, GAS, AND MINING	5. LEASE DESIGNATION AND SERIAL NO. U-37663
CUNDON MOTICES AND DEBORTS ON WELLS	6. IF INDIAN, ALLOTTER OR TRIBE HAME
SUNDRY NOTICES AND REPORTS ON WELLS	
(Do not use this form for proposals to drill or to deepen or plug back to a different res Use "APPLICATION FOR PERMIT—" for such proposals.)	ervoir.
	7. UNIT AGREEMENT NAME
WELL WELL OTHER	
2. NAME OF OPERATOR	8. FARM OR LEASE NAME
Black Dahlia Oil & Gas Co.	Bass-Nava jo-Federal
3. ADDRESS OF OPERATOR	9. WELL NO.
1057 E., 3300 So., Salt Lake City, Utah	9-41
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.	10. FIELD AND POOL, OR WILDCAT
See also space 17 below.) At surface NW/4 NE/4 Sec. 9, Twp. 40 So., Rge. 23	
	Bluff 11. sec., r., s., M., os sec. and
San Juan County, Utah	AURYST OF ARSA
	Sec 9, Twp 40 So.
14. PERMIT NO. 15. SLEVATIONS (Show whether DE RT GR etc.)	Rge 23 E
15. BLEVATIONS (Show whether DF, RT, GR, etc.) 43-037-30797 4548 Gd 4561 K.B.	12. COUNTY OR PARISH 18. STATE
13 037 3075	San Juan Ut.
Check Appropriate Box To Indicate Nature of Notice, I	AUBARQUENT REPORT OF:
TEST WATER SHUT-OFF PULL OR ALTER CASING WATER SHUT-O	FF REPAIRING WELL
FRACTURE TREAT MULTIPLE COMPLETE FRACTURE TRE	ATMENT ALTERING CASING
SHOOT OR ACIDIZE ABANDON* SHOOTING OR A	CIDIZING ABANDONMENT*
REPAIR WELL CHANGE PLANS (Other)	
(Other) X (Note:	Report results of multiple completion on Well on or Recompletion Report and Log form.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pe	rtinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured an nent to this work.)	d true vertical depths for all markers and zones perti-
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Waiting on surface production Equipment.	
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SIGNED SIGNED True the togething is true and correct		DATE 12-5-82	-
(This space for Federal or State office use)			•
APPROVED BY COMDITY 'S OF APPROVAL, IF ANY:	TITLE	DATE	•

MAR

DST #1

DATE	8-6-82	

## DST Report Form

Company B	lack Dahlia O	il & Gas	Co.well	Name_B	ass-Na	avajo-	-Federal	#9-41
Location NW	NE Section 9	, T40S-R2	3E Coun	ty/State	e San	Juan	County,	Utah .
Interval	5306' - 5393'	Type	Test_Co	onventio	nal <sub>Tes</sub>	st Con	npany <u>Ha</u>	liburto
Times IF 1	5 ISI_	30	FF_6	0	FSI	60		
	w Opened dead							
Final Flow_	Open with	slight bl	ow. Di	ed imme	diate	ly.		
								anni karron siran di kamadan di Kamadan di M
<b>S</b>								
Recovery	Recovered	5' of mud	•					
					de e e e e e e e e e e e e e e e e e e			
Sampler Rec	overy 40 psi	- 1300 c	c mud.	No gas				
Pressures								
IFP	82		ISI	100				
FFP	82	-	FSI	100				
IHP	3246		FHP_3	3177	· · · · · · · · · · · · · · · · · · ·		BHT	127 <sup>0</sup>
Resistivity	Mud Pit							
Remarks	Mechanically	good tes	t.					



Form 9-331 Dec. 1973

Form Approved.

Budget Bureau No. 42-R1424

	OF THE INTERIOR		5. LEASE U-3766	33 8 7 <sup>-1</sup> 1			
	CAL SURVEY		6. IF INDIA	N, ALLOTTEE	OR TRIBE NAME	•	
SUNDRY NOTICES AN (Do not use this form for proposals to creservoir, Use Form 9-331-C for such proposals to creservoir, Use Form 9-331-C for such proposals to creservoir.			7. UNIT AGREEMENT NAME				
eservoir. Use Form 9-331-C for such pr	oposals.)			R LEASE NAM			
1. oil 🖂 gas 🖂			Bass-N	Navajo-F	'ederal		
well 🔀 well U oth	ner		9. WELL N	o.			
2. NAME OF OPERATOR			9-41	<u> </u>		_	
Black Dahlia Oil	. & Gas Compan	У		R WILDCAT N	IAME		
3. ADDRESS OF OPERATOR			Bluff			_	
1057 E 3300 S, S				, R., M., OR E	BLK. AND SURVEY OF	₹	
4. LOCATION OF WELL (REPOR	T LOCATION CLEARLY. S	See space 17	AREA	).	CTM		
below.) AT SURFACE: NW NE 5	06' FNL & 212	4' FEL		)S-R23E Y OR PARISH	SLM 13. STATE	-	
AT TOP PROD. INTERVAL: Sec. 9, T40S-R23E					UT		
AT TOTAL DEPTH:	3, 2100		San Ju		U1	-	
16. CHECK APPROPRIATE BOX	TO INDICATE NATURE	OF NOTICE	14. API NO.		* * * *		
REPORT, OR OTHER DATA	TO INDICATE NATURE	or nonce,	15 FIEVAT	TONS (SHOW	DF, KDB, AND WD	_	
			13. ELEVAI	(SHOW	DI, KDS, AND WO	,	
REQUEST FOR APPROVAL TO:	SUBSEQUENT REF	PORT OF:	<u> </u>			•	
TEST WATER SHUT-OFF				1 2			
FRACTURE TREAT							
SHOOT OR ACIDIZE	님						
REPAIR WELL PULL OR ALTER CASING	님			ort results of ma nge on Form 9-	ultiple completion or zon: .330 )	e	
MULTIPLE COMPLETE							
CHANGE ZONES	Ī					Р	
ABANDON*							
(other <u>) Setting Suria</u>	ice and produc	tion cas	ing				
17. DESCRIBE PROPOSED OR Concluding estimated date of semeasured and true vertical description of Class B with	tarting any proposed words for all markers and E 8-5/8" casin	rk. If well is d zones pertinen	irectionally dri t to this work.	illed, give sub )*	surface locations and	d	
DDADUGETON GAGTA	7.0						
PRODUCTION CASIN	<del></del>			1 -			
Chains Dothil-	Guide Shoe	1.50	*:		of drilling		
Casing Detail:	1 jt. 5-1/2"				s and DST ar	ε	
	Float Collar				ed for your	_	
	89 jts 5-1/2"				ation. Prop		
	DV Tool	4.20			ion procedu		
				will so	oon be submi	tted	
	38 jts 5-1/2'	13.00					
·	KB 1	5661.30					
Subsurface Safety Valve: Manu. ar	nd Type	3001.30		Set	@ F	Ł.	
18. I hereby certify that the forego	oing is true and correct	(-1	/	· 104/	10		
SIGNED HAIRTNEY	Davidente D	is do	DATE .	<u>-8/5</u>	26/82	<b>-</b>	
	(This space for Fed	deral or State off	ice use)			-	
ADDDOVED BY	TITLE		DATE		<u> </u>		
APPROVED BY							

# DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

SUF IN TRIPLICATE\*
( er instructions on reverse side)

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DIVISION OF OIL, GAS, AND MINING			5. LEASE DESIGNATION AND SERIAL NO.
			U-37663
	OTICES AND REPORTS oposals to drill or to deepen or plu LICATION FOR PERMIT—" for such		6. IF INDIAN, ALLOTTER OR TRIBE NAME
OIL GAS OTHER			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR			8. FARM OR LEASE NAME
Black Dahlia Oil	L and Gas Co.		Bass Navajo Federal
	South Salt Lake	City 11+ 84106	9. WELL NO.
1057 East 3300 South, Salt Lake City, Ut. 84106  4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.)  At surface  NW/4 NE/4 Sec. 9, Twp. 40 So., Rge 23 E.			9-41 10. FIELD AND POOL, OR WILDCAT Bluff Field
San Juan Co		•, kge 23 E.	11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA SEC 9, TWP. 40 So. Rge. 23 E/
14. PERMIT NO.	15. ELEVATIONS (Show whether	DF, RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
43-037-30797	4548 Gd. 456	51 KB.	San Juan Utah
16. Check	Appropriate Box To Indicate	Nature of Notice, Report, or	Other Data
NOTICE OF IN	#		EQUENT REPORT OF:
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE  X	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON®	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING	RETAIRING WELL  ALTERING CASING  ABANDONMENT®
REPAIR WELL (Other)	CHANGE PLANS	(Other) Complete	
<ol> <li>DESCRIBE PROPOSED OR COMPLETED proposed work. If well is dire nent to this work.) *</li> </ol>	OPERATIONS (Clearly state all pertinectionally drilled, give subsurface lo	ent details, and give pertinent date	es, including estimated date of starting any ical depths for all markers and zones perti-
Set 5666 ft. Released Rota	of 5½ inch casing, ory Rig 8-14-82 pletion Rig for 8-	17# N-80 Lt&C	8-13-82
DST#1, 5306-5 Recove	393 ft. Lower port	ion Upper Ismay and. Nil pressures.	d Lower Ismay Zones.
Zones schedul	ed <b>範</b> 取 for completi	on: Desert Creek a	nd Upper Akah.
	57		
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		AUG 30 1982	
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18. I hereby ceraify that the faregoin	g/s true and correct	WINE ON OF	
18. I hereby cereify that the farefoin	7. a	President MINING	DATE 8-27-82
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APPROVED BY	TITLE		DATE

# DEPARTMENT OF NATURAL RESOURCES

SUI IN TRIPLICATE\*
(See instructions on reverse side)

DIVISION OF OIL, GAS, AND MINING			5. LEASE DESIGNATION AND SERIAL NO. U-37663	
	TICES AND REPORTS  peals to drill or to deepen or plug  ATION FOR PERMIT—" for such p		6. IF INDIAN, ALLOTTES OR TRISE NAME	
OIL GAS OTHER			7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Black Dahlia Oil and Go	8. FARM OR LEASE NAME Bass Navajo Federal			
3. ADDRESS OF OPERATOR 1057 East 3300 South,			9. WELL NO. 9-47	
4. LOCATION OF WELL (Report location See also space 17 below.) At surface	Bluff Field			
NW¼NE¼, Section 9: Salt Lake City, Utah	Sec: 9 Twp. 40 So.  Rge. 23 East			
14. PERMIT NO.	15. ELEVATIONS (Show whether Di		12. COUNTY OR PARISH 18. STATE	
4PI 43-037-30797	4548 GD; 4560 DF,	4561 K.B.	San Juan   Utah	
16. Check A	ppropriate Box To Indicate 1	Nature of Notice, Report, o	r Other Data	
NOTICE OF INTE	NTION TO:	SUBS	EQUENT REPORT OF:	
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL	PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other)	X ABANDONMENT*	
(Other)		(Note: Report resu	ults of multiple completion on Well mpletion Report and Log form.)	
Move in completion ri Desert Creek.	g. Drill cement to 5	650; perforate and t	est zones in Akah and	
•	: :			
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18. I hereby certify that the deregoing	and the second s	resident	DATE 10-1-82	
(This space for Federal or State of	Rce use)			
APPROVED BY CONDITE MS OF APPROVAL, IF	ANY:		DATE	

Mark

#### DAILY DRILLING REPORT

Operator:

Black Dahlia Oil

Location: 506'FNL and 2124' FEL

Contractor:

Coleman Drlg. Co.

Section 9, T40S-R23E

Well Name:

Bass-Navajo-Federal #9-41

San Juan County, Utah

7-29-82 Day No. 1. Present Depth: 417'. Present Operation: Drilling. Made 417' in 10 hrs. Drlg. Rate 41.7.

MUD PROPERTIES: WT: 10.8; VISC.: 40.

SURVEYS: 1/2° at 200'.

BIT RECORD: Present Bit No.: 1S; Size: 12-1/2; Type: HTC; Ser. No.: RR; Jets: 11-12-B. Depth In: 0' Made 417' in 10 hrs. Avg. Ft./Hr.: 41.7; W/O/B: All; RPM: 130; Cum. Rot. Hrs.: 10.

PUMPS: Liners: 5; Strokes: 16; SPM: 60; PP: 1300.

OPERATIONS: Move in, rig up. Spud well at 6:45 p.m. on 7-28-82. Drill.

TIME DISTRIBUTION: 11-3/4: RU; 10: Drill; 1: Repair Rig; 1/4: Deviation Survey; Total: 23 hours.

COST DATA: Permits, Damages: \$8,500; Footage: \$6,906; Mud: \$590; Engineering: \$1,500; Supervision: \$100; Total: \$17,596.

Verbally notified U.S.G.S. and State of Utah of well spud. Filled out sundry notices and mailed 7-29-82.

Gave verbal drilling report to Bass Enterprises (Lisa-Ken Moore's secretary) at the direction of Bill Hafeman.

7-30<sup>-82</sup> Day No. 2. Present Depth: 762'. Present Operation: Trip in hole with Bit #3. Made 345' in 5-3/4 hrs. Drlg. Rate 60.

SURVEYS:  $3/4^{\circ}$  at 763'.

BIT RECORD: Dull Bit No. 1S; Size: 12-1/4; Type: HTC; Ser. No.: RR; Jets: 11-12-B. Depth Out: 480'. Made 480' in 12-1/4 hrs. Ft./Hr. 39.2 Present Bit No. 2; Size: 12-1/4; Type: Reed; Ser. No. RR; Jets: 11-12-B; Depth In: 480'. Made 282' in 3-3/4 hrs. Avg. Ft./Hr. 75.2. W/O/B All. RPM: 120.

OPERATIONS: Drilled; Trip for Bit #2; Drill; TD @ 2:30 p.m. Trip out to run 19 jts. 8-5/8: casing set at 762'. Cemented w/550 sxs Class B w/2% KCl. Pipe down 8:45 p.m. 7-29-82. Ciruclate.

TIME DISTRIBUTION: 5-3/4: Drill; 2: Circulate & condition; 2: Trips; 1/2: Service rig; 1-1/4: Repair rig; 2: Run casing, cement; 5-1/2: WOC; 3-3/4: NU B.O.P.; 1/2: Test B.O.P.; 1: WO Haliburton.

COST DATA: Daily: \$25,560; Cumulative: \$43,156.

Black Dahlia
Bass-Navajo-Federal #9-41 Page 2

7-31-82 Day No. 3. Present Depth: 1762'. Present Operation: Drilling. Made 1000' in 16-/12 hrs. Drlg. Rate: 60.6.

MUD PROPERTIES: WT: 8.4; VISC.: 27; CHL: 1000; CALCIUM: 40.

SURVEYS:  $3-1/2^{\circ}$  at 1504';  $2-3/4^{\circ}$  at 1631'.

BIT RECORD: Dull Bit No.: 3; Size: 7-7/8; Type: R-2; Ser. No.: BDT43; Jets: 11-11-B; Depth Out: 1504'. Made 742' in 8-3/4 hrs. Ft./Hr.: 84.4 Present Bit No.: 4; Size: 7-7/8; Type: HS51; Ser. No.: E87570; Jets: 11-11-B; Depth In: 1504. Made 258' in 7-3/4 hrs. Avg. Ft./Hr. 33.3 W/O/B: 40; RPM: 90; Cum. Rot. Hrs.: 32.25.

PUMPS: Liners: 5"; Strokes: 16"; SPM: 56; PP: 1400; JetVel: 648; Ann Vel-DC: 284; Ann Vel-DP: 134.

TIME DISTRIBUTION: 16-1/2: Drill; 1/4: Reaming; 1/4: Condition mud and circulate; 2-1/2: Trips; 1/2: Service Rig; 1/2: Deviation Survey; 2: NU B.O.P.; 1-1/2: Drill Cement.

DAILY COST: \$23,873; CUMULATIVE COST: \$67,154.

8-1-82 Day No. 4. Present Depth: 2856'. Present Operation: Drilling. Made 1104' in 22-3/4 hrs. Drlg. Rate 48.5.

MUD PROPERTIES: WT: 8.6

SURVEYS:  $1-3/4^{\circ}$  at 1830';  $3/4^{\circ}$  at 2375'.

BIT RECORD: Present Bit No. 4; Size: 7-7/8; Type: HS51; Ser. No.: BA87510; Jets: 11-11-B; Depth In: 1504'; Made 1352' in 30-1/2 hrs. Avg. Ft./Hr. 44.3; W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 62.75

PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1600.

TIME DISTRIBUTION: 1/4: Service Rig; Deviation Survey: 1.

DAILY COST: \$19,147; CUMULATIVE COST: \$86,301.

8-2-82 Day No. 5. Present Depth: 3552'. Present Operation: Drilling. Made 690' in 15-1/4 hrs. Drlg. Rate: 45.25.

SURVEYS: 1/2° at 3250'.

BIT RECORD: Present Bit No.: 4; Jets: 11-11-B; Made 2058' in 45-3/4 hrs. Avg. Ft./Hr. 44.98. W/O/B: 40; RPM: 70.

PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1500.

TIME DISTRIBUTION: 15-1/4: Drill; 3-3/4: Reaming; 1/4: Service Rig; 4-1/4: Repair Rig; 1/2: Survey.

DAILY COST: \$13,094; CUMULATIVE COST: \$ 99,395.

8-3-82 Day No. 6. Present Depth: 4452' Present Operation: Drilling; Made 890' in 22-1/4 hrs. Drlg. Rate 40.

MUD PROPERTIES: WT.: 8.7; VISC.: 28.

SURVEYS: 3/4° at 3750'; 3/4° at 4211'.

BIT RECORD: Present Bit No. 4; Jets: 11-11-B; Made 2948' in 68 hrs. Avg. Ft./Hr. 44; W/O/B: 40; RPM: 70; Cum. Rot. Hrs. 100.25.

Black Dahlia Oil & Gas Company Bass-Navajo-Federal #9-41 Page 2

8-3-82 Day No. 6 (continued)

PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1500.

TIME DISTRIBUTION: 22-1/4: Drill; 3/4: Service Rig; 1: Survey

DAILY COST: \$16,653; CUMULATIVE COST: \$ 116,048.

8-4-82 Day No. 7. Present Depth: 4800'. Present Operation: Drilling. Made 348' in 15-1/2 hrs. Drlg. Rate 22.5.

MUD PROPERTIES: WT.: 9.0; VISC.: 34; PV: 4; YP: 12; GELS: 4/4; PH: 8.5; WL: 22; FC: 2/30"; CHL: 3500; CALCUIM: 20; SOLIDS: 5; SAND: 1/4; OIL: 0.

SURVEY:  $1/2^{\circ}$  at 4651'.

BIT RECORD: Dull Bit No. 4; Size, 7-7/8; Type: HS51; Depth Out: 4651'; Made 3147' in 75 hrs. Ft./Hr. 41. Present Bit No. 5; Size: 7-7/8; Type: F3; Ser. No.: CP0809; Jets: 11-12-B; Depth In: 4651'. Made 148' in 8-1/2 hrs. Avg. Ft./Hr. 17.4; W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 115.75.

PUMPS: Liners: 5; Strokes: 16; SPM: 56; PP: 1600.

TIME DISTRIBUTION: 15-1/2: Drill; 1-3/4: Reaming; 3/4: Cond. Mud & Circulate; 5-1/2: Trips; 1/2: Service Rig.

DAILY COST: \$9,578; CUMULATIVE COST: \$125,726.

8-5-82 Day No. 8. Present Depth: 5160'. Present Operationg: Drilling. Made 360' in 23-1/2 hrs. Drlg. Rate 15.3.

MUD PROPERTIES: WT.: 9.2; VISC.: 37; PV: 9; YP: 8; GELS: 3/14; PH: 9.5; WL: 24; FC: 2-30"; CHL: 3400; CAL: 40; SOLIDS: 6.3; SAND: Tr; Oil: 0.

BIT RECORD: Present Bit No.5; Size 7-7/8; Type: F3; Depth In: 4651'; Made 509' in 32 hrs. Avg. Ft./Hr. 15.9; W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 139.25.

TIME DISTRIBUTION: 23-1/2: Drill; 1/2: Service Rig.

DAILY COST: \$10,992; CUMULATIVE COST: 136,718.

8-6-82 Day No. 9. Present Depth: 5393'. Present Operation: Circulate mud to weight up; Made 233' in 7-1/2 hrs. Drlg. Rate: 13.3.

MUD PROPERTIES: WT.: 9.4; VISC.: 39; PV: 12; YP: 11; GELS: 3/11; PH: 8; WL: 12; FC: 2-30; CHL: 4500; CAL: 80; SOLIDS: 8; SAND: Tr; OIL: 0.

BIT RECORD: Present Bit No. 5; Size 7-7/8; Depth In: 4561'. Made 742' in 49-1/2 hrs. Avg. Ft./Hr. 15. W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 156.75.

OPERATIONS: Drlg; Rig Service; Drlg; Circulate for samples at 5393; Pump fill and drop surveys; TOH; First check for flow; getting good flow; TIH to bottom. Pick up Kelly. Circulate bottoms up. Circulate well and raising mud weight.

TIME DISTRIBUTION: 17-1/2: Drill; 1-1/4: Cond. Mud & Circ.; 1/2: Trips; 1/2: Service Rig; 1/4: Deviation Survey; 4: DST.

DAILY COST: \$ 8,019; CUMULATIVE COST: \$144,737.

Black Dahlia Oil & Gas Company
Bass-Navajo-Federal #9-41 Page 3

8-7-82 Day No. 10. Present Depth: 5393'. Present Operation: Working through bridges. Made 0' in 0 hrs.

MUD PROPERTIES: WT.: 9.6; VISC.: 36; PV: 9; YP: 6; GELS: 4/8; PH: 9; WL: 14; FC: 2-30"; CH1: 4100; CAL: 160; SOLIDS: 9.5; SAND: Tr; OIL: 0.

BIT RECORD: Present Bit No. 5; Size: 7-7/8"; Depth In: 451. Made 742' in 49-1/2 hrs. Avg. Ft./Hr. 15. W/O/B: 40; RPM: 70; Cum. Rot. Hrs.:149

OPERATIONS: Circ. mud and raise wt. to 9.7 to kill water flow. TOH to 2400'. Check for flow. Well flowing again. Circ. mud and raise wt. to 9.7. Killed well. TOH. Pick up DST tools. TIH. Ran DST #1. TOH w/DST tools. Lay down and load out tools. TIH w/Bit #5. Hit bridge at 900'.

TIME DISTRIBUTION: 20-1/2: DST; 3-1/2: Fishing.

DAILY COST: \$12,625; CUMULATIVE COST: \$157,362.

8-8-82 Day No. 11. Present Depth: 5393'. Present Operation: Fishing.

MUD PROPERTIES: WT.: 9.6; VIXC: 40; PV: 14; YP: 7; GELS: 1/3; PH: 10; WL: 7.8; FC: 1-30"; CH1: 2800; CAL: 40; SOLIDS: 9.1; SAND: Tr; OIL: 0

BIT RECORD: Dull Bit No. 5; Size: 7-7/8; Depth Out: 5393; Made 742' in 49-1/2 hrs. Ft./Hr.: 15. Present Bit No. 6; Size: 7-7/8; Type: F2; Ser. No. RR; Depth In: 5393; Made o' in 0 hrs. W/O/B: 40; RPM: 70. Cum.Rot. Hrs.: 149.

OPERATIONS: Reaming bridges at 900'; 1200'; 1900'; TIH to 5375'. Work tight off 3' to bottom. Stuck pipe at 5390'. Work pipe; got loose. TOH to check bit. Bit was running on junk & missing inserts. TIH w/RR bit and junk sub. Drill on junk. TOH. Recovered metal in junk sub. Pick up globe basket and TIH. Workover junk.

TIME DISTRIBUTION: 24: Fishing.

DAILY COST: \$6,925; CUMULATIVE COST: \$164,287

8-9-82 Day No. 12. Present Depth: 5393'. Present Operation: Circ. & Cond. Mud MUD PROPERTIES: Wt: 9.7; VISC: 38; PV: 10; YP: 10; GELS: 4/12; PH: 8.5; WL: 16; FC: 2-30"; CHL: 5200; CAL: 20; SOLIDS: 11; SAND: Tr.

OPERATIONS: Milling on junk w/globe basket. TOH. Cut drlg. line and wait on fishing tools. Pick up globe basket & two junk subs. TIH. Mill on junk. TOH. Recovered large quantity of metal. Clean out basket. Pick up RR bit and one junk sub. TIH. Drill on junk. Circ. and weight up mud. TOH.

TIME DISTRIBUTION: 24: Fishing.

DAILY COST: \$11,324; CUMULATIVE COST: \$175,611.

8-10-82 Day No. 13. Present Depth: 5393'. Present Operation: TOH w/ globe basket.

MUD PROPERTIES: WT: 9.6; VISC: 34; PV: 7; YP: 6; GELS: 0/3; PH: 8.5;

WL: 20; FC: 2-30"; CHL: 4800; CAL: 40; SOL: 9; SAND: Tr; OIL: 0.

Page 2

8-10-82 OPERATIONS: TOH w/RR bit. Recovered metal and clean out junk basket.

(cont.) Pick up globe basket & two junk subs. TIH. Mill on junk. TOH. Recovered metal & some formation; Clean out junk basket. TIH w/redressed globe basket and two junk subs. TIH. Mix & circ. mud to kill flow. TIH to bottom. Mill on junk. TOH.

TIME DISTRIBUTION: 24: Fishing.

DAILY COST: \$10,311; CUMULATIVE COST: \$185,922.

8-11-82 Day No. 14. Present Depth: 5477; Present Operation: Drlg. Made 84' in 8 hrs.

MUD PROPERTIES: Wt: 9.6; VISC: 40; PV: 14; YP: 7; GELS: 4/10; PH: 9; WL: 12; FC: 1-30"; CHL: 4500; CAL: 20; SOL: 9; SAND: 1/4; OIL: 0

BIT RECORD: Dull Bit No. 6; Size: 7-7/8; Jets: 11-12-B; Depth Out: 5477'. Made 84' in 8 hrs. Present Bit No. 7. Size: 7-7/8; Type: S12J; Jets: 11-12-B; Depth In: 5477; Made 0' in 0 hrs.W/O/B: 40; RPM: 85.

OPERATIONS: TOH w/globe basket. Recovered 14" dolomite core and some metal. Pick up bit #6 and TIH. Ream and work thru pipe spot at 5390' to 5393'. Drlg. Circ. for samples. Mix slug and TOH for Bit #7 to 2000'. Circ. 10# mud at 2000'. TOH. Pick up Bit #7 and TIH. Mix mud. Drilling.

TIME DISTRIBUTION: 8: Drill; 2-1/4: Cond. Mud & Circ.; 6-1/4: Trips; 7-1/2: Fishing.

DAILY COST: \$6,830; CUMULATIVE COST: \$192,752.

8-12-82 Day No. 15. Present Depth: 5606'. Present Operation: Drilling. Made 124' in 14-1/2 hrs.

MUD PROPERTIES: WT: 9.6; VISC: 52; PV: 12; YP: 26; GELS: 20/30; PH: 10; WL: 13; FC: 1-30"; CHL: 2900; CAL: 20; SOL: 9; SAND: Tr; OIL: 0.

BIT RECORD: Dull Bit No. 7; Size: 7-7/8; Type: S12J; Jets: 11-12-B; Depth Out: 5562; Made 85' in 10-1/2 hrs. Present Bit No. 8; Size: 7-7/8; Type J22; Ser. No. RR; Jets: 11-12-B; Depth In: 5562; Made 44' in 4 hrs. W/O/B: 40; RPM: 60; Cum. Rot. Hrs. 171.5.

OPERATIONS: Drlg.; Rig Service; Drlg.; Circ. for samples; Mix two slugs. TOH for Bit #8; TIH; Mix and condition mud; Drlg.

TIME DISTRIBUTION: 14-1/2: Drill; 2: Cond. Mud & Circ.; 7-1/4: Trips; 1/4: Service Rig

DAILY COST: \$6,922; CUMULATIVE COST: \$199,674

8-13-82 Day No. 16. Present Depth: 5666'. Present Operation: Waiting on pipe. Made 60' in 2-3/4 hrs.

SURVEYS: 3-1/40 at 5626'.

BIT RECORD: Dull Bit No. 8; Size: 7-7/8; Type J22; Ser. No. RR; Jets: 11-12-B; Depth Out: 5626'; Made 64' in 7 hrs. Present Bit No. 9; Size: 7-7/8; Type: HS51; Ser. No. RR; Jets: 11-12-B; Depth In: 5666' Made 40' in 3/4 hrs. W/O/B: 40; RPM: 70; Cum. Rot. Hrs.: 174.25

OPERATIONS: Drlg; Circ. & cond. hole; Drop survey; TOH for logs; RU Schlumberger; Ran DIL & FDC-CNL logs. WO orders. TIH w/Bit #9 & drill salt to 5666'. Circ. hole while waiting on pipe.

Black Dahlia Oil & Gas Company Bass-Navajo-Federal #9-41

Page 2

8-13-82 TIME DISTRIBUTIONS: 2-3/4: Drill; 4-1/2: Cond. Mud & Circ.; 6-1/4: (cont.) Trips; 6: Logs; 1-1/4: WO orders; 3-1/4: WO miscellaneous.

DAILY COST: \$20,923; CUMULATIVE COST: \$220,597.

8-14-82 Day No. 17. Present Depth: 5666'. Present Operation: Rig down and move out.

OPERATIONS: Circ. & cond. hole while waiting on casing. TOH & laid down drill pipe and drill collar. Rig up casing crew. Run 138 jts. of 5-1/2" 17# N-80 casing. Thin mud and circ. & cond. hole. Pump 10 bbls. of mud flush and 10 bbls. of 3% KCl spacer. Cement 1st stage with 200 sks. of Thixatropic cement. Displace cement with water and mud. Bump plug hold o.k. Drop DV shift tool. Circulate well through DV tool. Pump 10 bbls. of mud flush and 2 bbls. of spacer cement 2nd stage w/250 sks. of Haliburton light. Displace cement, bump plug. Pressure up held o.k. Check pits got mud flush to surface. Well flowing. Close rams. Pressure up on well. Could pump into well w/200 psi @ 3 BPM. W/O cement. Roads flooded out due to rains.

CASING DETAIL:

Guide Shoe: 1.5 1 jt. 5-1/2: 41.10 Float Collar: 2.8 89 jts. 5-1/2: 4048.7 DV Tool 4.2 38 jts. 5-1/2: 1550.0 KB 1 13.0

TIME DISTRIBUTION: 1-1/2: Cond. Mud & Circ.; 3-1/2: Trips; 2: Repair Rig; 7-1/2: Run Csg., Cement; 9-1/2: Misc.

DAILY COST: \$ 6,005; CUMULATIVE COST: \$226,602.

8-15-32 Day No. 18. Present Depth: 5666'; Present Operation: Rig down and move out.

OPERATIONS: Cement arrived on location @ 6:30 a.m. RU Haliburton. Pump 150 sks. of Thixatropic cement down 5-1/2 casing annulus @ 3 BPM. Pressure up to 1000 psi. Shut in back side. Wait 30 min. Opened back side bled off pressure. Water flow dead. Unflange BOP. Set slips. Hang casing with 80,000 lbs. Release rig @ 9:00 a.m. Final Report.

TIME DISTRIBUTION: 3: Run Casing; Cement.

DAILY COST: \$1,600 CUMULATIVE COST: \$228,202 DAILY COMPLETION COSTS: \$56,186; CUMULATIVE COMPLETION COSTS: \$56,186.

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL GAS AND MINING

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	√Other ir	istructions on
	reve	rse side)

DIVISION OF O	IL, GAS, AND MINING		U-37663
SUNDRY NOTICES AT (Do not use this form for proposals to drill Use "APPLICATION FOR	ND REPORTS ON WELL or to deepen or plug back to a diff PERMIT—" (or such proposals.)	LS erent reservoir.	6. IF INDIAN, ALLOTTER OR TRIBE NA
			7. UNIT AGREEMENT NAME
OIL GAS GAS OTHER		·	
NAME OF OPERATOR			S. FARM OR LEASE NAME
Black Dahlia Oil & G	as Co		Bass Navajo Federal
ADDRESS OF OPERATOR			9. WELL NO.
1057 E 3300 So. Sal	t Lake City, Utah	84106	9-41
OCATION OF WELL (Report location clearly and in see also space 17 below.) NW/4 NE/4 Solt surface	accordance with any State require	ments.*	10. FIELD AND POOL, OR WILDCAT
SLB&M San Juan Con	unty. Utah	Rge. 23 E	Bluff Field
Jan	direy, dean	ľ	11. SEC., T., R., M., OR SLK. AND SURVEY OR ASSA
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TEST WATER SHUT-OFF PULL OR ALT:		R SHUT-OFF	REPAIRING WELL
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SHOOT OR ACIDIZE ABANDON* REPAIR WELL CHANGE PLAN		ring or acidizing	ABANDONMENT*
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proposed work. If well is directionally drilled.  nent to this work.)  Well placed on pump 12-1	early state all pertinent details, and give subsurface locations and mea	give pertinent dates, li sured and true vertical .78 Barrells	Oil;
ESCRIBE PROPOSED OR COMPLETED OPERATIONS (Classification of the proposed work. If well is directionally drilled, nent to this work.) *	early state all pertinent details, and give subsurface locations and mea 17-82. Pumped 232. MCF during December	give pertinent dates, in sured and true vertical .78 Barrells er, 1982. Gas	ncluding estimated date of starting a depths for all markers and zones per Oil;
ESCRIBE PROPOSED OR COMPLETED OPERATIONS (Cle proposed work. If well is directionally drilled. nent to this work.)*  Well placed on pump 12-1 108 Barrells Water; 225 used on lease to run pum	early state all pertinent details, and give subsurface locations and mea 17-82. Pumped 232. MCF during December	give pertinent dates, in sured and true vertical .78 Barrells er, 1982. Gas	ncluding estimated date of starting a depths for all markers and zones per Oil;
ESCRIBE PROPOSED OR COMPLETED OPERATIONS (Cle proposed work. If well is directionally drilled. nent to this work.)*  Well placed on pump 12-1 108 Barrells Water; 225 used on lease to run pum	early state all pertinent details, and give subsurface locations and mea 17-82. Pumped 232. MCF during December	give pertinent dates, in sured and true vertical .78 Barrells er, 1982. Gas	ncluding estimated date of starting a depths for all markers and zones per Oil;
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ESCRIBE PROPOSED OR COMPLETED OPERATIONS (Cle proposed work. If well is directionally drilled, nent to this work.)*  Well placed on pump 12-1 108 Barrells Water; 225 used on lease to run pum during month.	early state all pertinent details, and give subsurface locations and mea 17-82. Pumped 232. MCF during December and treat	JAN 24 198  DIVISION OF GAS & MINI	ncluding estimated date of starting of depths for all markers and zones per Oil; S was sold
Well placed on pump 12-1 108 Barrells Water; 225 used on lease to run pum during month.	enry state all pertinent details, and give subsurface locations and mea 1.7-82. Pumped 2.32. MCF during December of the engine and treat	JAN 24 198  DIVISION OF GAS & MINI	ncluding estimated date of starting of depths for all markers and zones per Oil;  Was sold

SUBMIT IN DUPL TE\*
(See other instructions
on reverse side)

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5. LEASE DESIGNATION AND SERIAL NO.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

					•		U-3766	3	
WELL CO	MPLETION (	OR RECOMP	LETION F	REPORT A	ND LO	G *	6. IF INDIAN	, ALLOTTER O	R TRIBE NAM
1a. TYPE OF WEL	.L: oti.	WELL _	DRY [	Other			7. UNIT AGRE	EMENT NAMI	
L TYPE OF COM		PLUG BACK	DIFF.	Other	, , , , , , , , , , , , , , , , , , , ,		S. FARM OR	LEASE NAME	
2. NAME OF OPERAT	ron		ALSVA.	Other			Bass-Na	vajo-Fed	deral
3. ADDRESS OF OPE	lia Oil and	Gas Company		<del>(</del>			9. WELL NO.		4
1057 East	3300 South,						10. PIELD AN	D POOL, OR V	FILDCAT
	LL (Report location) 4 NE4, Sec.							R., M., OR BLO	CK AND SURVE
At top prod. Inc	n Juan Count	y, Utah Same						Twp. 40	) So.
At total depth	Same						Rge. 23	A	
			14. permit no. 43-037-30	797	July 1,	1982	San Ju	ıan	Utah
7-28-82	8-13-82	17. DATE CO	MPL. (Ready to 4-82	1 20	548 Gd.	4561	KB	19. ELEV. C	_ ;
20. TOTAL DEPTH. MD 5666 Drl	1	BACK T.D., MD & TVD	Desert	ripus compu	23. INT	ERVALS LLED BY	All		ne roots
	RVAL(S), OF THIS CO					-> !			DIRECTIONAL EY MADE
	# 31 Below	•						Ye	es
FDC-CNL-G	R3 DIL-SP-GR							27. WAS WEI	1
8.		CASING	RECORD (Rep	ort all strings s	et in well)	<u></u>			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (		E SIZE		MENTING			UNT PULLED
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5 1/2"	_ <u> 17#</u>	5666'					<u>S Thixotr</u> Light@15		one
							ropic @Cs		
9.	LI	NER RECORD	-	<del></del>	30.		UBING RECO		
SIZE	TOP (MD) B	OTTOM (MD) BAG	KS CEMENTS	SCREEN (MD)	SIZE		DEPTH SET (MI	D) PACKI	ER SET (MD)
					2 3	3/8"	5635'		
	cond (Interval, size	and number)		\$2.	ACID, SHOT	FRACT	URE, CEMENT	SQUEEZE,	ETC.
5444-46 - 2 5451-57 - 2		5606 - 2 JS	PF	DEPTH INTER	VAL (MD)	AM	OUNT AND KIN	OF MATERIA	AL USED
5474-80 - 2					SEE	ATTAC	UMENT		
5532-38 - 4					3EE	ATTAC	HILINI		
5544-48 - 2	JSPF					·			
3.*			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	UCTION					
12-17-82	ì	on METHOD (Flow ping - 16'			a type of pu	mp)	shut	status (Prod Fin) Produc	. •
1-5-83	24 hours	None None	PROD'N. FOR TEST PERIOD	5.04 BBL	S FST I	cr. 5 MCF	Trace	GA8-011	L RATIO
30#	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MC	y	WATER-	-BBL.	_	API (COBE.)
	IAS (Sold, used for fu		5.04 BBLS	EST 1	b MCF	Trac	C TEST WITNES	40° A.P.	1
Used for		,					Ed Carl		
3. LIST OF ATTACE		2						<del></del>	<del></del>
36. 1 heres certify	pletion Revo	/ <sub>t</sub> /			as dos-	ad from	-111-E	<u> </u>	
oo. 1 deredy certify	ricular tipe foregoing	and attached infor	mation is comp	lete and correct	determin	eu ifom		ta s	191
SIGNED	CAFE	men_	TITLE (Z	usedi	ml			an 10	1,170
	/(See I	nstructions and	Spaces for A	dditional Da	ita on Rev	erse Sid	e) /		

# NSTRUCTIONS

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments stond the listed on this form, see item 35.

Here are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions. submitting a complete and correct well completion report and log on all types of lands and leases to either a Pederal agency or a State agency

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Nems 22 and 24: If this well is completed for separate production from more than one interval completion), so state in item 22, and in item 24 show the producing intervals, or intervals, each interval is and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional data pertinent to such interval.

Hem 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See Instruction for Items 25 and 24 above.)

	TOP	TRUB VERY, DEPTH		
GEOLOGIC MARKERS	ě	MEAS. DEPTH	1430 2204 2508 2568 4366	5257 5361 5442 5585 5620
88. <b>GEOL</b> OG				Ismay Lower Ismay Desert Creek Akah Salt
TS THERBOF; CORED INTERVALE; AND ALL DRILL-STEM TESTS, INCLUDING FEW, PLOWING AND BHUY-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, BTC.		ISI 30"; 2nd open 60", V. Weak, died; FSI 120" FSIP 40#. Rec 5' mud. Log Porosity Log Porosity	
OSITY AND CONTEN- JEED, TIME TOOL OI	BOTTOM		15" one bubble ISI 2674 ISIP: 40#, FSIP 5538 Log 5550 Log	
MARY OF POROUS ZONES: Bhow all important zones of porosity and contents thereof depth interval tested, cushion used, time tool open, plowii	TOP	NO 5306_5203	11: 18:53: 55:46:	
87. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES O DEFTH INTERVAL TESTED, CUSH	FORMATION	DCT #1 Temay 70no	Initial Initial IHP 2688 Desert Creek Desert Creek	

BASS- AVAJO-FEDERAL #9-41 NUNE Sec. 9, 405, 23E COMPLETION REPORT

8-30-82: Move in completion rig. 9-1-82: Perforate Akah 5598-5606. 9-3-82: Acidize perf. 5598-5606 with 1100 gals. 15% HCL. 9-4-82: Swab 3.5 BBLS oil 7 hrs. 9-8-82: Sand/foam frac. perfs. 5598-5606 with 6000# 40-60 sand, blow back with nitrogen. 9-9-82: Swab well 2½ hrs, recover 11 BF, 20% oil, swab-dry. dry. 9-11-82: Perf. 5544 to 5548, Lower Desert Creek, 2 shots per ft. set pkr. 9-11-82: Perf 5544-48 Lower Desert Creek 2 shots per ft. set retrievable plug @ 5589'. 9-13-82: Set pkr @ 5489' acidize perfs w/420 gals 15% MSR acid. Swab back acid water. 9-14-82: Swab water w/10-15% oil cut. 9-15-82: Swab 10 hrs. rec. 13 3/4 BBLS fluid 20% oil. 9-16-82: Swab water w/oil cut emulsion. Pull bridge plug. Set cast iron bridge plug @ 5540-42. Perf 5532-38 w/4 shots per ft. Desert Creek Zone swab load water. 9-17-82: Swab 14.6 BF 5% oil. Acidize with 800 gals of 15% WFC-1 acid. Swab back 46 barrels load water. 9-18-82: Swab 20 runs, 10-15% oil, 10% BS, 75-80% salty water. 9-20-82: Swab 234 BF, 6½ BO, 17 BW. 9-21-82: Swab 9.6 BF, 4.6 BO, 5.0 BW. Set retrievable plug at 5522. 9-22-82: Perf. Desert Creek from 5544-46, 5451-57, 5474-80 with 2 shots per ft., swab well - well dead. 9-23-82: 2 Swab runs, no recovery. Set pkr. @ 5350'. Acidize perfs. with 2750 gals. 28% WFC-1 acid, 500 cu ft. of nitrogen per barrel acid. Flow back well to reserve pit. Make 10 swab runs to pit, recover acid water, nitrogen and some oil shows. 9-24-82: Swab  $7\frac{1}{2}$  hrs recover 6.9 BO, 31.1 BW. 9-25-82: Swab 75% water, 25% oil. Unseat pkr., unseat bridge plug. Swab well to 4000'. 9-27-82: Lay down bridge plug. Set pkr. at 5497. Swab perfs. 5532-38. Swabbed 69 BW, 3-4% oil. 9-28-82: Swab 48 BF, 11 BO, 37 BW. 9-29-82: Swab well, getting indication of communication of perfs. or leaking pkr. Swab 75% water, 25% oil. 9-30-82: Well swabbed down in 3 runs from 5532-38. Acidize perfs. 5532-38 with 1000 gals of 28% EFEHCL. No pressure @ 2 BPM. Well took acid on vacuum. Suspect acid went into casing above pkr. through communication of perfs. with previous upper perfs. Pumped fluid into backside above pakrs., got immediate increase in fluid level below pkr. 10-1-82: Reseat pkr. 0-5337, (above all perfs.), pressure test backside to 2000 p.s.i., pkr. held confirming that upper perfs. are communicated with lower perfs. Drill out cast iron bridge plug. Circulate hole clean. 10-2-82: Swab fluid level to 4300'. Recover 75.5 BW, 1.5 BO. 10-4-82: Swab all perfs. recover 73 BW, 1 BO. 10-5-82: Swab 25.5 BW, 2.5 BO. 10-6-82: Swab 25 BF, 21.7 BW, 3.3 BO. 10-7-82: Swab 15 BF, 4.2 BO, 10.8 BW. 10-8-82: Acidize all perfs. with 6000 gals. of 28% NEFE HCL w/500 SCE/gal nitrogen. Drop 200 balls flow back well to pit. Rig up swab, had gas flow w/oil show between runs.

Compeltion Report con\*
Page 2.
Bass-Navajo-Federal Well # 9-41

10-9-82: Swab water, nitrogen and some oil to pit. 10-12-82: Swab 13 runs. made 34.2 BF, 16.7 BO, 17.5 BW. 10-13-82: Swab 29 BF, cut unknown - bad beginning strap. Open bypass swab water off backside. Unseat pkr. 10-14-82: Pickup mud anchor, perforated nipple and tubing anchor. Run 222 jts. of 3/4" class C rods, a  $16' \times 1\frac{1}{2}$ " x 2" RWBC pump to 5598'. Released Rig.

Black Dahlig Gil : Las lo. By W. C. Hafeman, Fresident

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DEPARTMENT OF NATURAL RESOURCES				Γ		AND BERIAL NO.

BECENV

Form 3160-5 (June 1990)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 1 4 1991

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Expires: March 31, 1993

5. Lease Designation and Serial No.

UT U-37663

DIVISION OF DIVISION OF U

Do not use this form for proposals to dri	AND REPORTS ON WELLS  If or to deepen or reentry to a different reservoir.  R PERMIT—" for such proposals	6. If Indian, Allottee or Tribe Name
SUBMIT	7. If Unit or CA, Agreement Designation	
1. Type of Well		8. Well Name and No.
Oil Gas Well Other  2. Name of Operator		Bass-Navajo-Federal 9-41
Black Dahlia Oil and Gas Co	mpany	9. API Well No. 430373079700S1
2 Address and Telephone No.		10. Field and Pool, or Exploratory Area
2141 So. Main St.: Salt Lak  4. Location of Well (Footage, Sec., T., R., M., or Survey De	e City, Ut. 84115 801-487-0636	Bluff
506' FNL 2124' FEL Section 9, San Juan County, Utah	Township 40 So., Range 23 East	San Juan Co., Utah
12. CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, REPOI	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
X Notice of Intent	Abandonment	Change of Plans
Notice of linear	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing Water Shut-Off
	Casing Repair Altering Casing	Conversion to Injection
Final Abandonment Notice	Other	Dispose Water (Note: Report results of multiple completion on Well
		Completion or Recompletion Report and Log torm.)
13. Describe Proposed or Completed Operations (Clearly state a	all pertinent details, and give pertinent dates, including estimated date of starting depths for all markers and zones pertinent to this work.)*	g any proposed work. If well is directionally difficult
Day #1: MIRUSU install BOP 2 3/8" production t	(2) TOH & Lay down rods and pump. (3 ubing (173 jts.). (4) Perf 2 One-half	
(3) Spot 20 sacks ( with water (20 BBLS BBls 9.0#/gal mud ( 6) TOH & lay down	on 2 3/8" TBL set at 5440'. (2) Load (23.6 cu. ft.) Class G Cement from BP (3.) (4) Set TBG at 5260 (Top of cement from 5260 to 810'. Displace with 2 BB1 tubing. (7) Pump down 5 1/2" casing 2 ion out Braiden Head. (8) Pump 275 sac (15 1/2" casing; circulate to surface ry hole marker.	plug) (5) Spot 103 Is fresh water. 25 BBls fresh water, 26 cks - 324 Cu. Ft 27 (9) Remove Well-
	Scholule actor Constate  OF UTAH DIVISION OIL, GAS, AND MA  DATE: 5-17-9	Shor INJING
14. I hereby certify that the foregoing is true and correct	Title President	HAUS April 26, 1991
(This space for Federal or State office use)	Assistant District Manager	Date 5/6/9/
Approved by Conditions of approval, if any:	Title	•

**COMMETICALS OF APPROVAL ATTACH!** 

Black Dahlia Oil and Gas Company Well No. 9-41 NWNE Sec. 9, T. 40 S., R. 23 E. San Juan County, Utah U-37663

## CONDITIONS OF APPROVAL

- 1. The cast iron bridge plug shall be set ten feet above the highest perf or at 5434 ft. (see attached diagram).
- The BLM, San Juan Resource Area Office or Moab District Office shall be notified 24 hours prior to plugging the well. The phone numbers for those offices are (801) 587-2141 and (801) 259-6111 (respectively).
- 3. A BLM representative shall be present to witness plugging.
- 4. A Subsequent Report of Abandonment (Form 3160-5) shall be submitted within 30 days following the plugging.
- Robert Larsen of the San Juan Resource Area will be contacted following the completion of plugging operations for rehabilitation and seeding requirements. Mr. Larsen's telephone number is (801) 587-2141.

Enclosure: Plugging Diagram

<i>-</i>	Cain in Well File PLUGGING DIAGRAM-OPEN HOLF	
	OPERATOR Black Dahlia Oiland Gas Co. LEASE NO. 4-37663	
ŧ.	WELL NAME & NO. Bass - Navajo-fed 9-41 42 NWNE SEC. 9 T. 40s R. 23E	
	FIELD Bluff Field COUNTY San Juan STATE Utah	
	INSPECTOR TITLE DATE	
	REMARKS The cast iron bridge plug needs to be set at 5434 (10 ft above the	
	highest perf),	
	NO. & TYPE OF CEMENT W/ADDITIVES	,
•	. 103/6"	
	85/8	
	8 % @ 76 2 5 t	
	24*/gt	
	TOC (+-) (1100') Perfe 810' and squeez and circ	<b>3</b> \
	700sx cement # 1.2 yield 275 sxs Class 6 cement (324 st	1
	840 cuft #5,4325 \$+/\$43	
	45635t	
	5666-4563'= 1103' 8.0 Ppg	
	5666-4563 = 1103 Mind	
	77%	
	REVIEWED BY:  20 sxs class 6 cement or (yield 23.6 = 1/3x) 180 st of cement in 51/2" casing,	
-	512" CIBP@ 5140" 5434" (105tabove high	est
_	1/1 5444 p. s.	り
	ENGINEER <u>DMandott</u> 5-3-91 51/2 x17"/64 @ 56665t	
	5/2 XII /57 6 3 80 W.	

Form 3160-5 (June 1990)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993

5. Lease Designation and Serial No.

CUMPRY NOTICES	DIVISION OF	UT U-37663
Do not use this form for proposals to dr	AND REPORTS ON WELLS OIL GAS & MINING III or to deepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
Use "APPLICATION FO	R PERMIT—" for such proposals	
CUDAIS	IN TOID IOATE	7. If Unit or CA, Agreement Designation
	IN TRIPLICATE	
i. Type of Well		8. Well Name and No.
Well Gas Other  2. Name of Operator		Bass-Navajo-Fed 9-41
Black Dahlia Oil & Gas C	ompany	9. API Well No.
3. Address and Telephone No.	801-487-	4303730797 <del>00S1</del>
2141 So. Main St. Salt L		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D		Bluff 11. County or Parish, State
506° FNL 2124° FEL Sect Range 23 East, San Juan		San Juan Co., Utah
Range 23 Base, ban bank	odancy, ocan	
12. CHECK APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
Nonce of Intent	Recompletion	New Construction
Subsequent Report	Plugging Back	Non-Routine Fracturing
₩-	Casing Repair	☐ Water Shut-Off
Final Abandonment Notice	Altering Casing	Conversion to Injection  Dispose Water
	Other	(Note: Report results of multiple completion on Well
13. Describe Proposed or Completed Operations (Clearly state a	ll pertinent details, and give pertinent dates, including estimated date of starti	Completion or Recompletion Report and Log form.)  ng any proposed work. If well is directionally drilled,
give subsurface locations and measured and true verti	cal depths for all markers and zones pertinent to this work.)*	
bot water down t	730-0830 Rig-up; 0830 Unseat puubing pressure at 65 psi. Bleed	d backside to pit.
Pump 25 addition	al Bbls hot water down tubing.	0930: start pulling
rods and laving	them down, 1240pm; rods and pur	np out of hole.
1 pm: Install BC	P. 3 pm: Start out of hole with	n tubing - strap
on the way out.	Stand tubing in derrick, 6:10	om: Out or note
with tubing. 0:3	0 pm: Start in hole with Hallil g. 7:40 pm: In hole with bridge	e plug. Set bridge
plug at 5385'. B	ack off one stand. Secure for	evening.
Day 2 (May 14, 1991) C	730 am: Halliburton on location	n with pump truck
and 295 sacks cl	ass G cement. 0740 am: Hay Hot 9.5# mud. 0800 am: Run 1 join	tubing in hole
With 125 BBIS Of	vater. 0840 am: hole full of wa	ter. Spot 20 sacks
class G cement (	25.6 cu. ft.) from 5384 to 520	4. Flu h with
20 BBls water, I	av down 8 joints. Pump 103 BB1:	s mud from 5145.
to 715°. Flush w	rith 2 BBls. water. Wait 15 min	utes to stabilize.
	out of hole to lay down tubing.	12:45 am: Tubing
14. I hereby certify, that the foregoing is true and correct	see attached addendum for conti	
Signed W. C. Human	Tide President	
(This space for Federal or State office use)		
Approved by	Title	Date
Conditions of approval, if any:		

Form 3160-5 (June 1990)

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED Budget Bureau No. 1004-0135

Expires: March 31, 1993 5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS OF GAS & MININ Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals	
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
i. Type of Well    Solit   Gas   Well   Other	8. Well Name and No.  Bass-Navajo-Fed 9-4  9. API Well No.  430373079700S1  10. Field and Pool, or Exploratory Area  Bluff  11. County or Parish, State  San Juan Co., Utah
CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO TYPE OF SUBMISSION TYPE OF ACTION	

1:00 pm: Rig up Halliburton wire line. Shoot 4 holes per ft. 5" holes at 810°. Pump water down 5½" csq. to establish circulation through casing head. Could not get circulation. Pump pressure 1400 psi flow rate 1 BB1/Min. Shut down pump. Rig up wireline. Shoot 4 2" holes 700. Pump down 52" csg with water. No circulation through well head. Pump rate 1 1/4 BBls/min. at 1175#. Stop pump. Connect onto backside with pump. Strong initial pound on lines. Can't pump down backside. Break out valve on backside to check for proper operation. Valve working. Pump 225 sacks class G cement down 5½" casing. Pumped 3 BBls/min at 700 psi. Last 5 BBls pumped at 1200 psi. Wait 90 minutes for pressure to drop. Check pressize on head. Pressure at 20 psi. 5:30 pm: Cut well head off casing. Install Dry Hole Marker. 7:00 pm: Abandonment of well complete.

ADDENDUM TO SUNDRY NOTICE - BLACK DAHLIA O. & G. CO.

rill note with water. U840 am: note full or water. Spot 20 sacks class G cement (25.6 cu. ft.) from 5384 to 5204. Flu h with 20 BBls water. Lay down 8 joints. Pump 103 BBls mud from 5145. to 715'. Flush with 2 BBls. water. Wait 15 minutes to stabilize. 1000 am: Start out of hole to lay down tubing. 12:45 am: Tubing

nt of hole. (See al	tached addengum for contrinuar	TOXX)
i. I hereby cestify that the foregoing is trily and correct	Title President	Date June 11,1991
Signed V	Title	
(This space for Federal or State office use)		Date
Approved byConditions of approval, if any:	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.